

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063577.D
 Acq On : 14 Aug 2019 16:43
 Operator : JC/SY
 Sample : K4340-03
 Misc : 7.44g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LS-SAMPLE-2

Quant Time: Aug 15 12:39:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

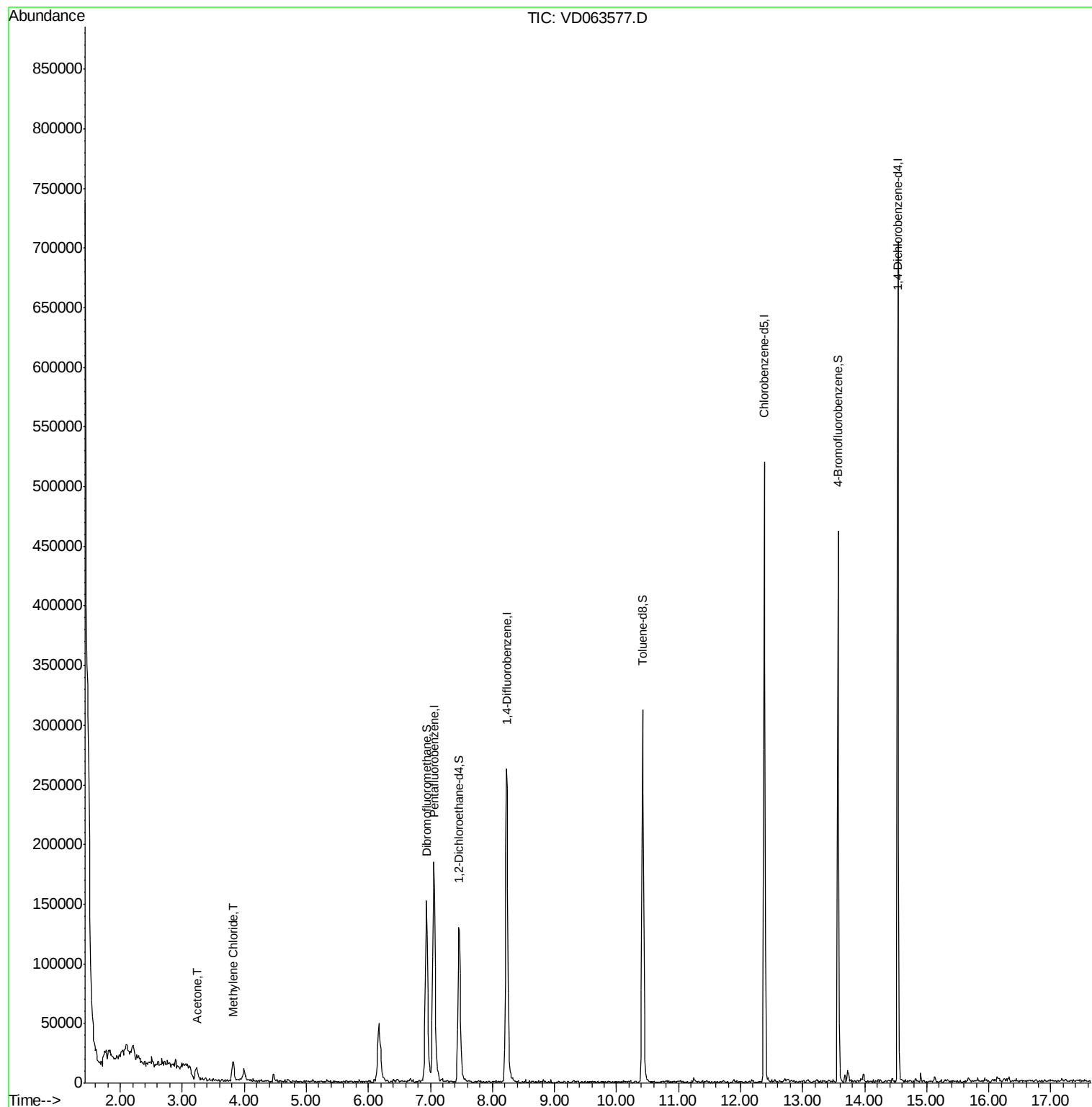
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	181300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	294046	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	265617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.54	152	156293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	152725	78.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.62%	
35) Dibromofluoromethane	6.94	113	131137	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.42	98	233072	42.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.62%	
62) 4-Bromofluorobenzene	13.57	95	122041	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
Target Compounds						
16) Acetone	3.23	43	17928	45.508	ug/l #	81
20) Methylene Chloride	3.83	84	8565	5.028	ug/l #	87

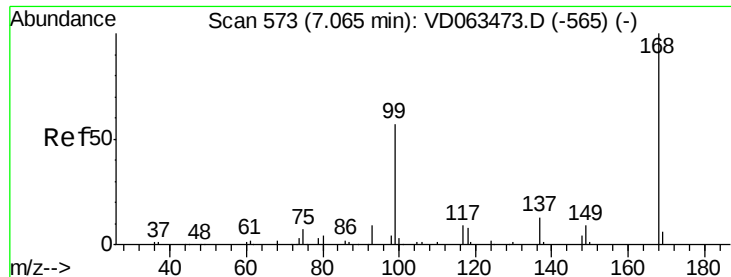
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063577.D

Acq: 14 Aug 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

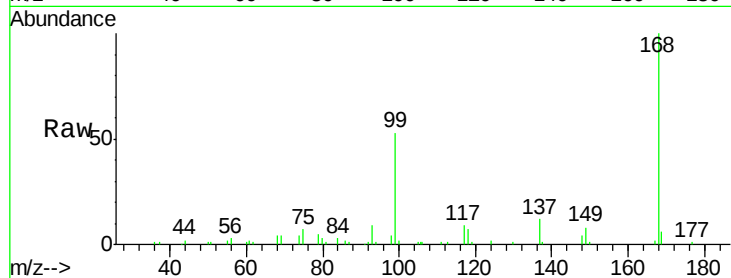
LS-SAMPLE-2

Tot Ion:168 Resp: 181300

Ion Ratio Lower Upper

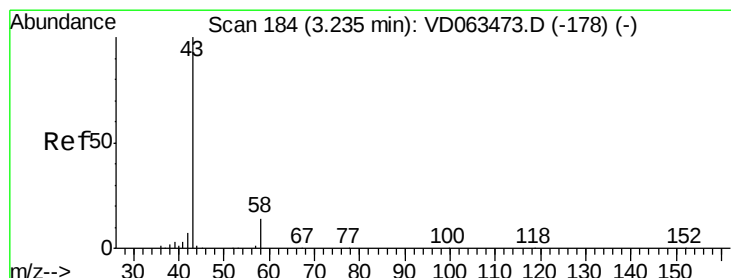
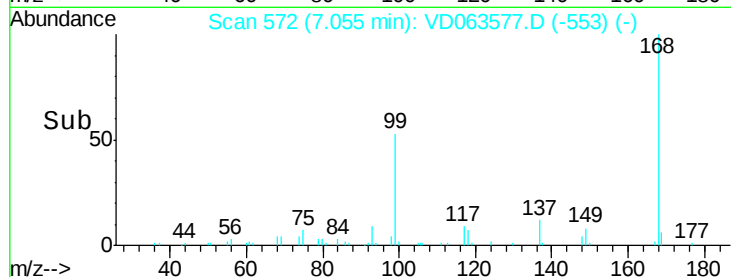
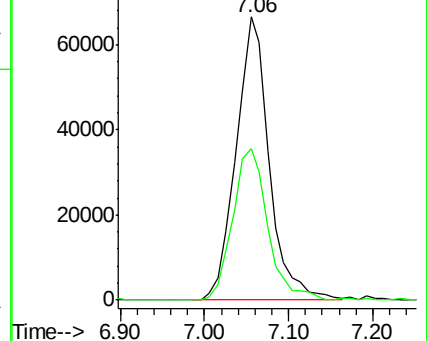
168 100

99 53.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 45.508 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063577.D

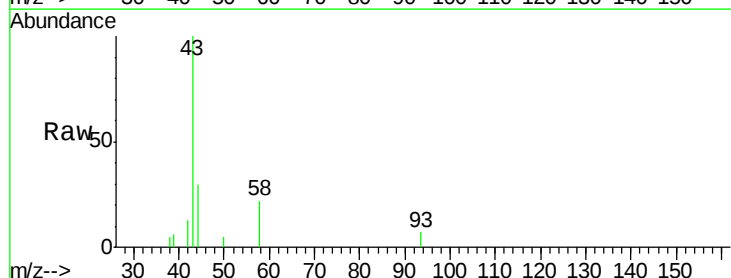
Acq: 14 Aug 2019 16:43

Tgt Ion: 43 Resp: 17928

Ion Ratio Lower Upper

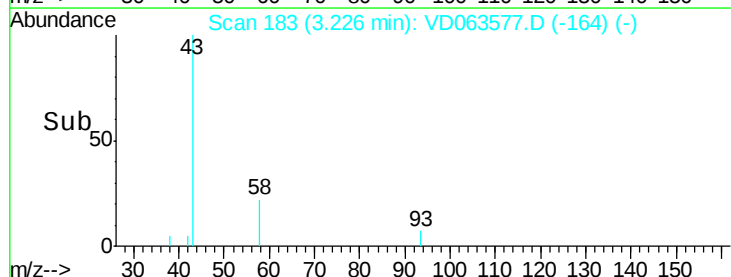
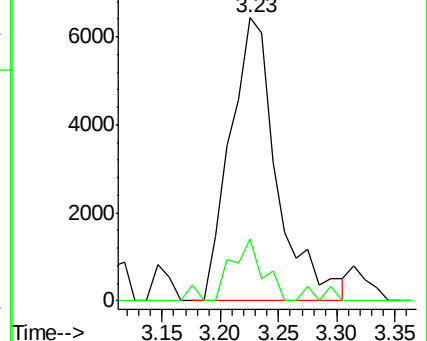
43 100

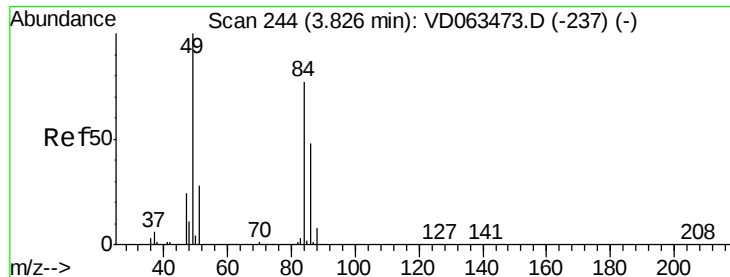
58 22.0 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

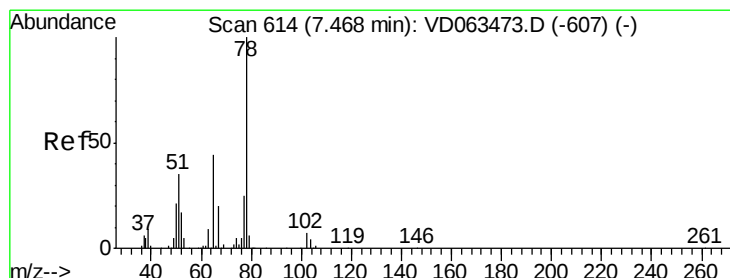
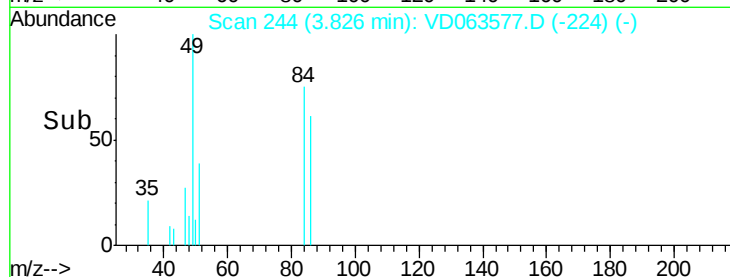
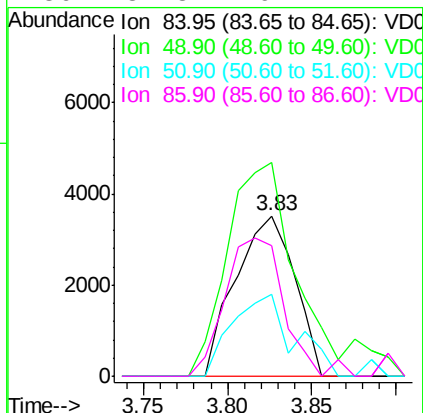
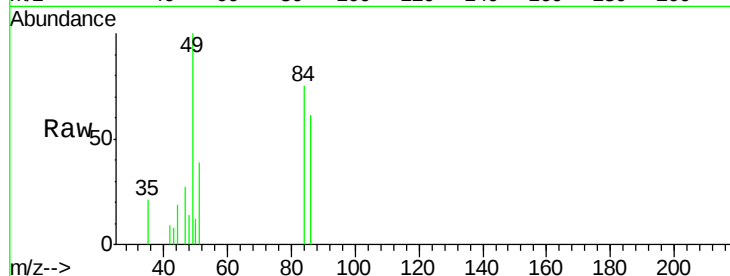




#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

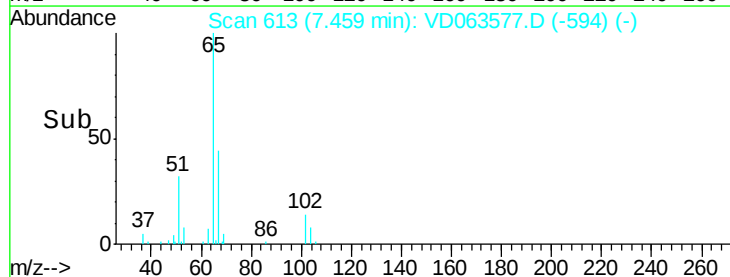
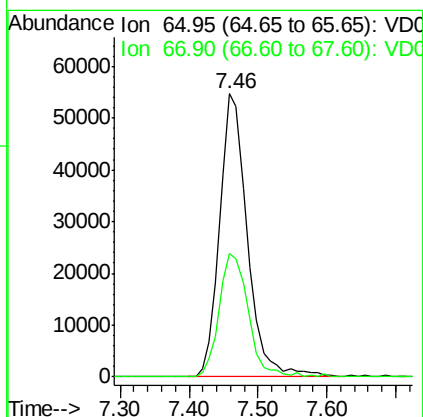
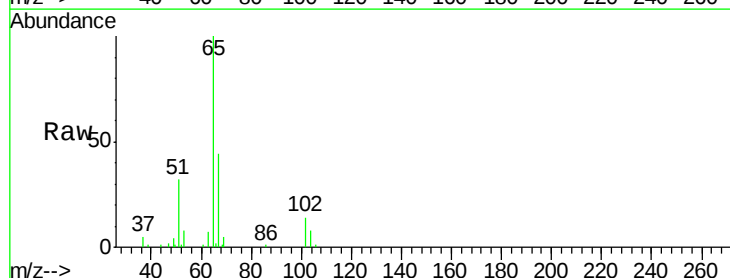
Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-2

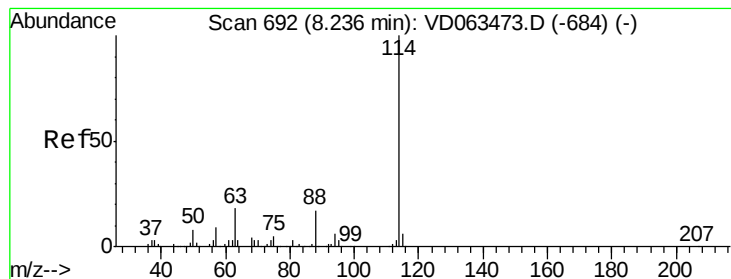
Tot Ion: 84 Resp: 8565
Ion Ratio Lower Upper
84 100
49 133.3 103.4 155.2
51 51.5 28.5 42.7#
86 81.8 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 78.807 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

Tgt Ion: 65 Resp: 152725
Ion Ratio Lower Upper
65 100
67 43.5 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063577.D

Acq: 14 Aug 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

LS-SAMPLE-2

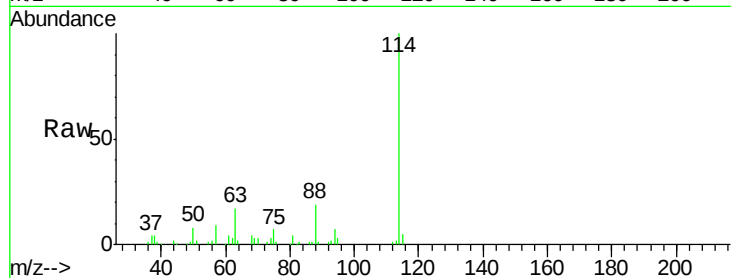
Tot Ion:114 Resp: 294046

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.2

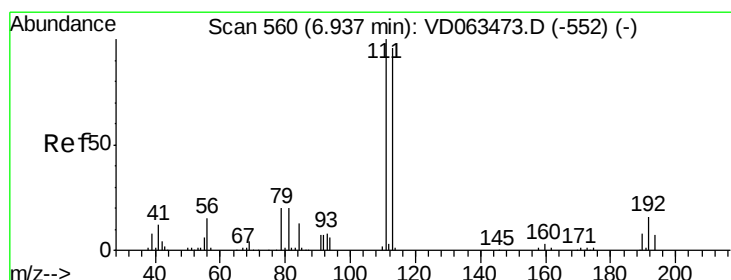
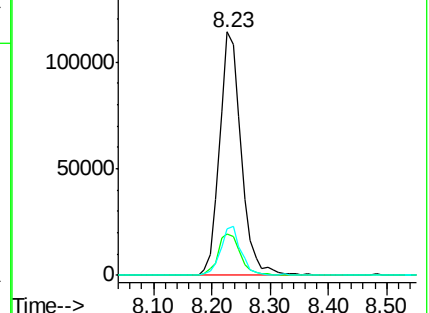
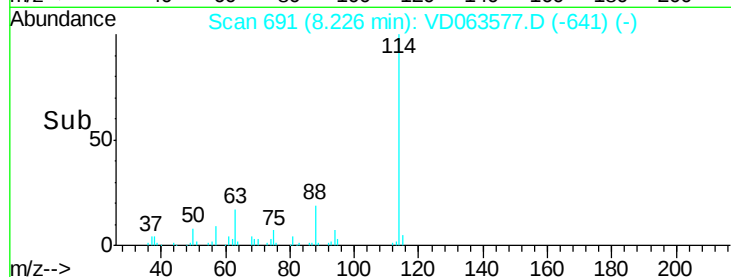
88 19.2 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.953 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD063577.D

Acq: 14 Aug 2019 16:43

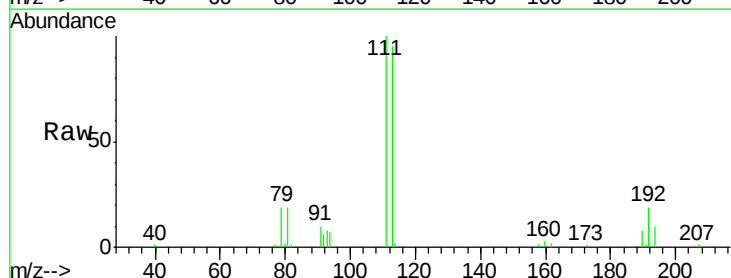
Tgt Ion:113 Resp: 131137

Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

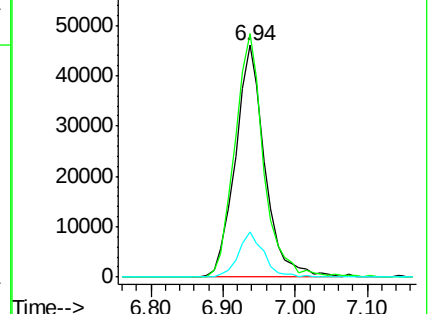
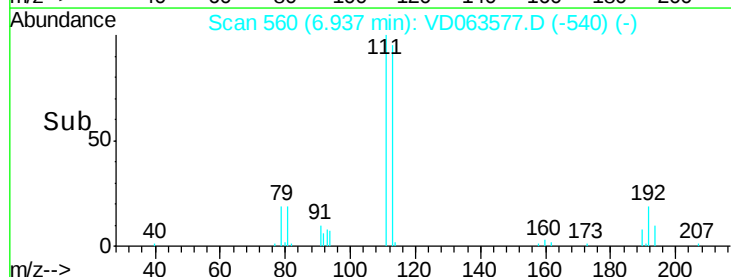
192 19.5 13.1 19.7

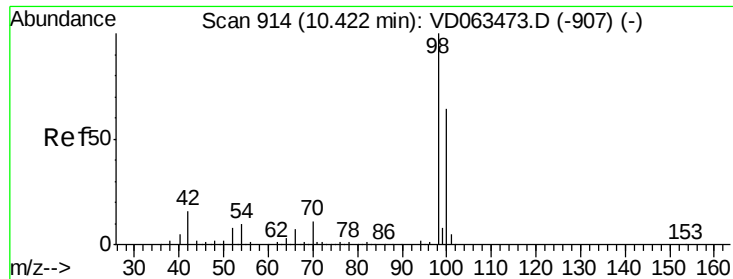


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

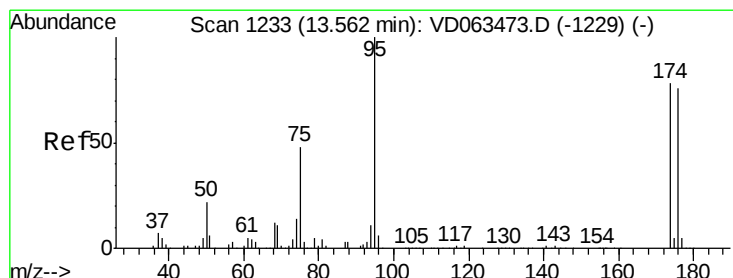
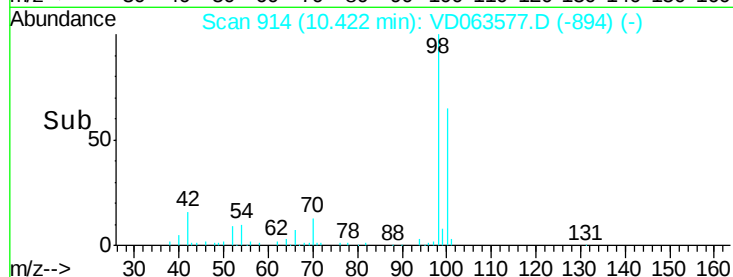
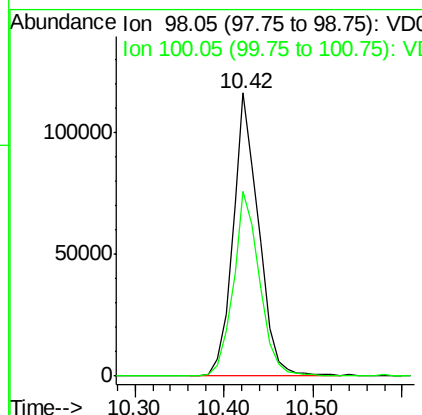
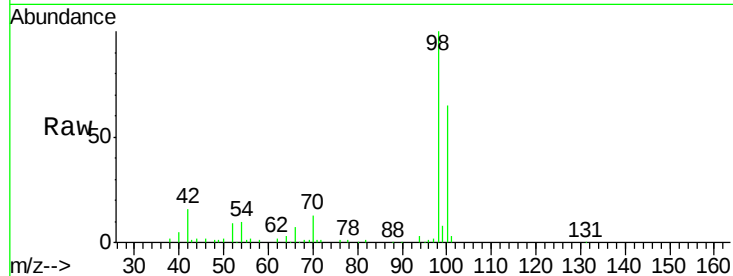




#50
Toluene-d8
Concen: 42.808 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

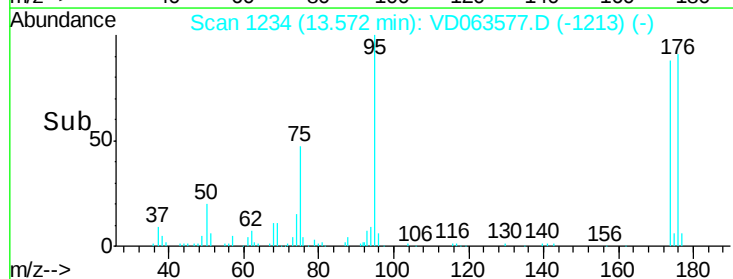
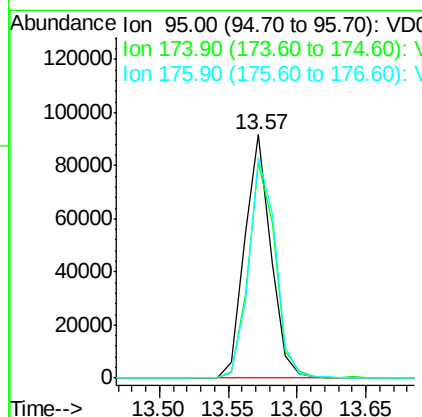
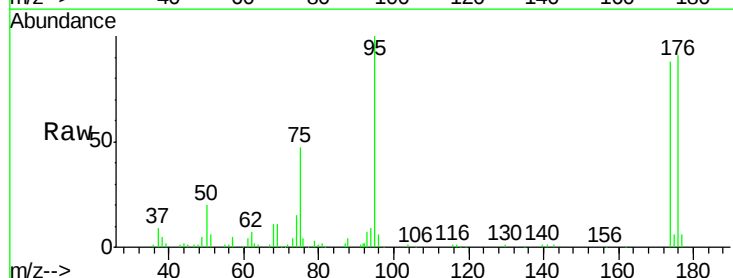
Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-2

Tot Ion: 98 Resp: 233072
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.454 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

Tgt Ion: 95 Resp: 122041
Ion Ratio Lower Upper
95 100
174 88.4 0.0 155.4
176 90.6 0.0 152.4

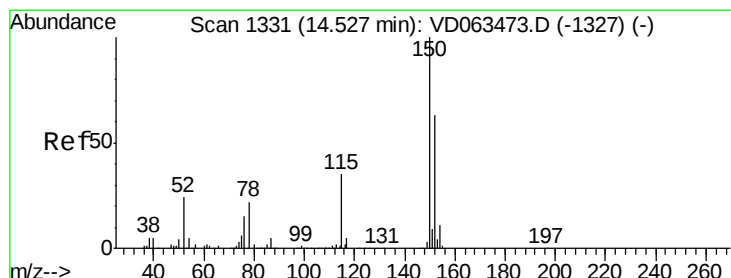
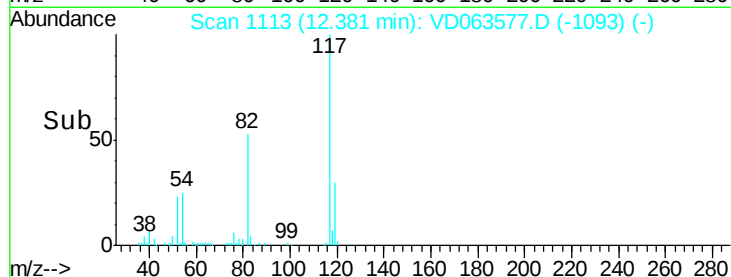
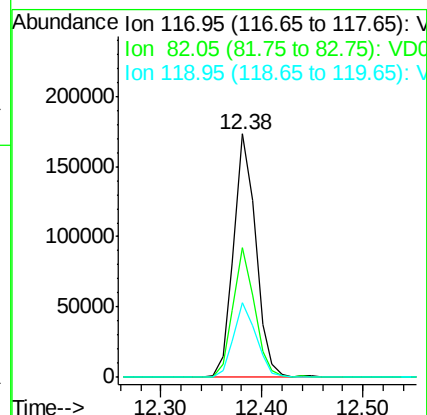
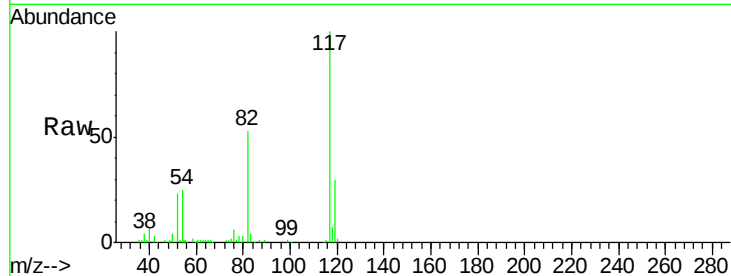




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-2

Tot Ion:117 Resp: 265617
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 30.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD063577.D
Acq: 14 Aug 2019 16:43

Tgt Ion:152 Resp: 156293
Ion Ratio Lower Upper
152 100
115 54.1 30.9 92.7
150 150.5 0.0 318.6

